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Key word index

Abecarnil
Benzodiazepines; Tolerance; β-Carbolines (Löscher, W. (202) 303)

Abstinence
Morphine; Tolerance–dependence; Brain regions; Spinal cord; DS-TLE ([D-Ser^2,Thr^6]leucine-enkephalin); DPDPE ([D-Pen^2,D-Pen^5]-enkephalin) (Bhargava, H.N. (202) 403)

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Adenylyl cyclase
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Angiotension receptors
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Blood pressure
BNP (brain natriuretic peptide); ANP (atrial natriuretic peptide); Natriuresis; Metabolic clearance rate; (Rat) (Kita, T. (202) 73)

BNP (brain natriuretic peptide)
ANP (atrial natriuretic peptide); Blood pressure; Natriuresis; Metabolic clearance rate; (Rat) (Kita, T. (202) 73)

Bone marrow cells
Dynorphin; Morphine; M-CSF (macrophage-colony stimulating factor) (Roy, S. (202) 355)

Bradykinin
EDRF (endothelium-derived relaxing factor); Coronary artery; Renal artery; Substance P (Christie, M.I. (202) 143)

Brain
Interleukin-6 (IL-6); Neuroimmunology; (Receptor) (Cornfield, L.J. (202) 113)

Cysteamine; Ulcer; Insulin; Gastric acid secretion; Glucose uptake; (Rat) (Arai, I. (202) 213)

Brain (mouse)
Ergot alkaloids; [^{3}H]TBOB (t-[^{3}H]butylbicycloorthobenzoate) binding; $GABA_A$ receptor complex (Tvrdeić, A. (202) 109)

Brain (rat)
5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Desipramine; Electroconvulsive shock (Pandey, S.C. (202) 221)

Brain regions
Morphine; Tolerance–dependence; Abstinence; Spinal cord; DSTLE ([D-Ser^2,Thr^6]leucine-enkephalin); DPDPE ([D-Pen^2,D-Pen^5]enkephalin) (Bhargava, H.N. (202) 403)

Bronchoconstriction
Muscarinic receptors; Histamine release; Lung (isolated); (Rat) (Post, M.J. (202) 67)

Bronchus (rabbit)
α_{1A}-Adrenoceptors; WB4101; 5-Methylurapidil (Takayanagi, I. (202) 281)

Buspirone
5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptors; σ receptors; CRF (corticotropin-releasing factor); Stress; Intestinal motility; Caecum; (Rat) (Martinez, J.A. (202) 379)

Ca^{2+}
CCK-8 (cholecystokinin-8); Insulin secretion; Islets; CCK_A receptor antagonists; L-364,718; K^+; Phosphoinositide hydrolysis (Karlsson, S. (202) 253)

Ca^{2+} channels
Phorbol esters; Staurosporine; Excitation-contraction coupling (Boonen, H.C.M. (202) 25)

Ca^{2+} currents
Steroids; Hippocampus CA1 neurons; Picrotoxin; Patch clamp (whole cell) (ffrench-Mullen, J.M.H. (202) 269)

Ca^{2+} currents (voltage-dependent)
Vas deferens (guinea-pig); ATP; Ca^{2+} mobilization (intracellular) (Inomata, H. (202) 245)

Caecum
5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptors; Buspirone; σ receptors; CRF (corticotropin-releasing factor); Stress; Intestinal motility; (Rat) (Martinez, J.A. (202) 379)

Caerulein
Devazepide; L-365,260; CCK receptors; Amphetamine; Motor activity (Vasar, E. (202) 385)

Ca^{2+} ionophores
Capsaicin; Platelets; Sensory afferent nerves; PAF (platelet-activating factor, PAF-acether); Thrombin (Hogaboam, C.M. (202) 129)

Ca^{2+} mobilization (intracellular)
Vas deferens (guinea-pig); ATP; Ca^{2+} currents (voltage-dependent) (Inomata, H. (202) 245)

Ca^{2+} overload
R 56 865; Ischemia; Reperfusion; Heart (Vandeplassche, G. (202) 259)

Capsaicin
Platelets; Sensory afferent nerves; PAF (platelet-activating factor, PAF-acether); Thrombin; Ca^{2+} ionophores (Hogaboam, C.M. (202) 129)

β-Carbolines
Benzodiazepines; Tolerance; Abecarnil (Löscher, W. (202) 303)

Cardiovascular responses
Substance P; GABA (γ-aminobutyric acid); Spinal cord; Catecholamines; (Receptors) (Hasséssian, H. (202) 51)

Catecholamines
Substance P; GABA (γ-aminobutyric acid); Spinal cord; Cardiovascular responses; (Receptors) (Hasséssian, H. (202) 51)

β-CCE (3-carboethoxy-β-carboline hydrochloride)
Diazepam; FG7142; Flumazenil; Midazolam; Dependence; GABA (γ-aminobutyric acid); (Baboon) (Sannerud, C.A. (202) 159)

CCK-8 (cholecystokinin-8)
Insulin secretion; Islets; CCK_A receptor antagonists; L-364,718; Ca^{2+}; K^+; Phosphoinositide hydrolysis (Karlsson, S. (202) 253)

CCK_A receptor antagonists
CCK-8 (cholecystokinin-8); Insulin secretion; Islets; L-364,718; Ca^{2+}; K^+; Phosphoinositide hydrolysis (Karlsson, S. (202) 253)

CCK receptors
Caerulein; Devazepide; L-365,260; Amphetamine; Motor activity (Vasar, E. (202) 385)

Cerebellum (rat)
Mossy fibres; Glutamate release; 5-HT_2 receptors (presynaptic); Synaptosomes; (Slices) (Maura, G. (202) 185)

Cerebral artery
5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptors agonists; 5-HT_1-like receptors; Sumatriptan; (Human) (Parsons, A.A. (202) 17)

CGRP (calcitonin gene-related peptide)
Lemakalim; Cromakalim; Pulmonary vascular bed; Glybenclamide-sensitive channels; VIP (vasoactive intestinal polypeptide) (Hood, J.S. (202) 101)

CGS 19755
NMDA (N-methyl-D-aspartate); Phencyclidine; Acoustic startle; Schizophrenia; NPC 12626; Dizocilpine (Mansbach, R.S. (202) 61)

p-Chlorophenylalanine
MDE (N-ethyl-3,4-methylenedioxyamphetamine); MDMA (3,4-methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin); Dopamine; Drug discrimination (Boja, J.W. (202) 347)

Chlorpromazine
Dopamine D_2 receptor supersensitivity; Iron (Ben-Shachar, D. (202) 177)

Chromaffin cells (bovine)
Pentobarbitone; Nicotinic receptors; Ion channels; Patch clamp (Jacobson, I. (202) 331)

Cl^- uptake
[Arg^8]vasopressin (AVP); Ataxia; Pentobarbital; GABA (γ-aminobutyric acid); (Rat) (Marchese, A. (202) 341)

Colon
Morphine; Loperamide; Mucosa; Ion transport; (Human) (Burleigh, D.E. (202) 277)

Colon (rat)
Enterotoxin of *E. coli* (heat-stable); Ion transport; Prostaglandins; cGMP-inhibited phosphodiesterase (Nobles, M. (202) 201)

Computer modelling
α_2-Adrenoceptor subtypes; [^{3}H]RX821002 radioligand binding; Kidney; (Rat) (Uhlén, S. (202) 235)

Copulatory behaviour
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Lordosis response; (S)-UH-301 ((S)-5-fluoro-8-hydroxy-2-(di-n-propylamino)tetralin); (Rat) (Johansson, C.E. (202) 81)

Coronary artery
EDRF (endothelium-derived relaxing factor); Renal artery; Bradykinin; Substance P (Christie, M.I. (202) 143)

Corticosterone
ACTH (adrenocorticotropic hormone); Immobilization stress; 5-HT (5-hydroxytryptamine, serotonin); Pituitary-adrenal axis; Tricyclic antidepressants; Tianeptine (Delbende, C. (202) 391)

CRF (corticotropin-releasing factor)
5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptors; Buspirone; σ receptors; Stress; Intestinal motility; Caecum; (Rat) (Martinez, J.A. (202) 379)

Cromakalim
Vas deferens (rat); Naphazoline; Glibenclamide (Grana, E. (202) 93)

Lemakalim; Pulmonary vascular bed; Glybenclamide-sensitive channels; CGRP (calcitonin gene-related peptide); VIP (vasoactive intestinal polypeptide) (Hood, J.S. (202) 101)

RP 52891; Pinacidil; K^+_{ATP} channels; Pulmonary vascular bed (Hood, J.S. (202) 121)

M-CSF (macrophage-colony stimulating factor)
Bone marrow cells; Dynorphin; Morphine (Roy, S. (202) 355)

Cysteamine
Ulcer; Insulin; Gastric acid secretion; Glucose uptake; Brain; (Rat) (Arai, I. (202) 213)

4-DAMP (4-diphenylacetoxy-N-methylpiperidine methobromide)
Muscarinic acetylcholine receptors; Purinoceptors; Pirenzepine; AF-DX 116; α,β-Methylene ATP (Fujimoto, S. (202) 9)

Danazol
Ovulation; Prostaglandin $F_{2\alpha}$; 13,14-Dihydroprostaglandin $F_{2\alpha}$ (Tamura, K. (202) 317)

2-Deoxy-D-glucose
Δ^9-Tetrahydrocannabinol; Hippocampus; Limbic system; (Functional activity) (Margulies, J.E. (202) 373)

Dependence
Diazepam; β-CCE (3-carboethoxy-β-carboline hydrochloride); FG7142; Flumazenil; Midazolam; GABA (γ-aminobutyric acid); (Baboon) (Sannerud, C.A. (202) 159)

Desipramine
Dopamine; Amphetamine; Microdialysis; Nucleus accumbens (Brown, E.E. (202) 125)

5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Electroconvulsive shock; Brain (rat) (Pandey, S.C. (202) 221)

Devazepide
Caerulein; L-365,260; CCK receptors; Amphetamine; Motor activity (Vasar, E. (202) 385)

Diazepam
β-CCE (3-carboethoxy-β-carboline hydrochloride); FG7142; Flumazenil; Midazolam; Dependence; GABA (γ-aminobutyric acid); (Baboon) (Sannerud, C.A. (202) 159)

13,14-Dihydroprostaglandin $F_{2\alpha}$
Danazol; Ovulation; Prostaglandin $F_{2\alpha}$ (Tamura, K. (202) 317)

Dimethylphenylpiperazinium
Nicotinic receptors; Nicotine; Acetylcholine release; Intestinal contraction (Töröcsik, A. (202) 297)

Dizocilpine
NMDA (N-methyl-D-aspartate); Phencyclidine; Acoustic startle; Schizophrenia; NPC 12626; CGS 19755 (Mansbach, R.S. (202) 61)

Dopamine
Desipramine; Amphetamine; Microdialysis; Nucleus accumbens (Brown, E.E. (202) 125)

MDE (N-ethyl-3,4-methylenedioxyamphetamine); MDMA (3,4-methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin); p-Chlorophenylalanine; Drug discrimination (Boja, J.W. (202) 347)

Dopamine receptor agonists
d-Amphetamine discriminative cue; Dopamine D_1 receptors; Dopamine D_2 receptors; Receptor interactions; Dopamine receptor antagonists (Furmidge, L.J. (202) 191)

Dopamine D_2 receptor agonists
G-proteins; (Cloned receptor) (Lahti, R.A. (202) 289)

Dopamine receptor antagonists
d-Amphetamine discriminative cue; Dopamine D_1 receptors; Dopamine D_2 receptors; Receptor interactions; Dopamine receptor agonists (Furmidge, L.J. (202) 191)

Dopamine D_1 receptors
d-Amphetamine discriminative cue; Dopamine D_2 receptors; Receptor interactions; Dopamine receptor agonists; Dopamine receptor antagonists (Furmidge, L.J. (202) 191)

SK&F 38393; Adenylyl cyclase; Parkinson's disease; (Rhesus monkey); (Rat) (Pifl, C. (202) 273)

Dopamine D_2 receptors
d-Amphetamine discriminative cue; Dopamine D_1 receptors; Receptor interactions; Dopamine receptor agonists; Dopamine receptor antagonists (Furmidge, L.J. (202) 191)

Dopamine D_2 receptor supersensitivity
Chlorpromazine; Iron (Ben-Shachar, D. (202) 177)

DPDPE ([D-Pen^2,D-Pen^5]enkephalin)
Morphine; Tolerance–dependence; Abstinence; Brain regions; Spinal cord; DSTLE ([D-Ser^2,Thr^6]leucine-enkephalin) (Bhargava, H.N. (202) 403)

Drug discrimination
MDE (N-ethyl-3,4-methylenedioxyamphetamine); MDMA (3,4-methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin); Dopamine; p-Chlorophenylalanine (Boja, J.W. (202) 347)

DSTLE ([D-Ser^2,Thr^6]leucine-enkephalin)
Morphine; Tolerance–dependence; Abstinence; Brain regions; Spinal cord; DPDPE ([D-Pen^2,D-Pen^5]enkephalin) (Bhargava, H.N. (202) 403)

Duodenum (rat)
Nitric oxide (NO); Nicotine-induced relaxation (Irie, K. (202) 285)

Dynorphin
Bone marrow cells; Morphine; M-CSF (macrophage-colony stimulating factor) (Roy, S. (202) 355)

EDRF (endothelium-derived relaxing factor)
Coronary artery; Renal artery; Bradykinin; Substance P (Christie, M.I. (202) 143)

EEG analysis
Oxygen toxicity; Generalized seizures; Vigabatrin; Hyperoxia; γ-Vinyl GABA (Tzuk-Shina, T. (202) 171)

Electroconvulsive shock
5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Desipramine; Brain (rat) (Pandey, S.C. (202) 221)

Endocardial endothelium
UD-CG-212-CL; Positive inotropic response; Myocardium (Meulemans, A.L. (202) 45)

Endothelin
Staurosporine; Protein kinase inhibitor; Prostaglandin $F_{2\alpha}$; Smooth muscle (Sasaki, Y. (202) 367)

Endotoxin
Anococcygeus muscle (rat); L-Arginine pathway; (Electrical field stimulation) (Guc, M.O. (202) 397)

Enterotoxin of *E. coli* (heat-stable)
Colon (rat); Ion transport; Prostaglandins; cGMP-inhibited phosphodiesterase (Nobles, M. (202) 201)

Ergot alkaloids
[^{3}H]TBOB (t-[^{3}H]butylbicycloorthobenzoate) binding; $GABA_A$ receptor complex; Brain (mouse) (Tvrdeić, A. (202) 109)

Excitation-contraction coupling
Phorbol esters; Staurosporine; Ca^{2+} channels (Boonen, H.C.M. (202) 25)

Exercise
Flesinoxan; Prazosin; 5-HT_{1A} receptor agonism; (Hypertensive dogs) (Huber, S. (202) 1)

FG7142
Diazepam; β-CCE (3-carboethoxy-β-carboline hydrochloride); Flumazenil; Midazolam; Dependence; GABA (γ-aminobutyric acid); (Baboon) (Sannerud, C.A. (202) 159)

Field potentials
Hippocampal pyramidal cells; Phosphodiesterase inhibitors; β-Adrenoceptor agonists; Adenosine receptor antagonists (Gaal, L. (202) 117)

Flesinoxan
Prazosin; 5-HT_{1A} receptor agonism; Exercise; (Hypertensive dogs) (Huber, S. (202) 1)

Flumazenil
Diazepam; β-CCE (3-carboethoxy-β-carboline hydrochloride); FG7142; Midazolam; Dependence; GABA (γ-aminobutyric acid); (Baboon) (Sannerud, C.A. (202) 159)

GABA (γ-aminobutyric acid)
Substance P; Spinal cord; Cardiovascular responses; Catecholamines; (Receptors) (Hasséssian, H. (202) 51)

Diazepam; β-CCE (3-carboethoxy-β-carboline hydrochloride); FG7142; Flumazenil; Midazolam; Dependence; (Baboon) (Sannerud, C.A. (202) 159)

[Arg^8]vasopressin (AVP); Ataxia; Pentobarbital; Cl^- uptake; (Rat) (Marchese, A. (202) 341)

$GABA_A$ receptor complex
Ergot alkaloids; [^{3}H]TBOB (t-[^{3}H]butylbicycloorthobenzoate) binding; Brain (mouse) (Tvrdeić, A. (202) 109)

Gastric acid secretion
Cysteamine; Ulcer; Insulin; Glucose uptake; Brain; (Rat) (Arai, I. (202) 213)

Preoptic area; Substance P; Spinal cord; (Intrathecal injection); (Desensitization) (Okuma, Y. (202) 227)

Generalized seizures
Oxygen toxicity; Vigabatrin; Hyperoxia; EEG analysis; γ-Vinyl GABA (Tzuk-Shina, T. (202) 171)

Glibenclamide
Vas deferens (rat); Naphazoline; Cromakalim (Grana, E. (202) 93)

Glucose uptake
Cysteamine; Ulcer; Insulin; Gastric acid secretion; Brain; (Rat) (Arai, I. (202) 213)

Glutamate release
Mossy fibres; Cerebellum (rat); 5-HT_2 receptors (presynaptic); Synaptosomes; (Slices) (Maura, G. (202) 185)

Glybenclamide-sensitive channels
Lemakalim; Cromakalim; Pulmonary vascular bed; CGRP (calcitonin gene-related peptide); VIP (vasoactive intestinal polypeptide) (Hood, J.S. (202) 101)

cGMP-inhibited phosphodiesterase
Enterotoxin of *E. coli* (heat-stable); Colon (rat); Ion transport; Prostaglandins (Nobles, M. (202) 201)

G-proteins
Dopamine D_2 receptor agonists; (Cloned receptor) (Lahti, R.A. (202) 289)

Heart
R 56 865; Ca^{2+} overload; Ischemia; Reperfusion (Vandeplassche, G. (202) 259)

Hippocampal pyramidal cells
Field potentials; Phosphodiesterase inhibitors; β-Adrenoceptor agonists; Adenosine receptor antagonists (Gaal, L. (202) 117)

Hippocampus
Δ^9-Tetrahydrocannabinol; 2-Deoxy-D-glucose; Limbic system; (Functional activity) (Margulies, J.E. (202) 373)

Hippocampus CA1 neurons
Steroids; Ca^{2+} currents; Picrotoxin; Patch clamp (whole cell) (ffrench-Mullen, J.M.H. (202) 269)

Histamine release
Muscarinic receptors; Bronchoconstriction; Lung (isolated); (Rat) (Post, M.J. (202) 67)

5-HT (5-hydroxytryptamine, serotonin)
5-HT_{1A} receptors agonists; 5-HT_1-like receptors; Sumatriptan; Cerebral artery; (Human) (Parsons, A.A. (202) 17)

MDE (N-ethyl-3,4-methylenedioxyamphetamine); MDMA (3,4-methylenedioxymethamphetamine); Dopamine; p-Chlorophenylalanine; Drug discrimination (Boja, J.W. (202) 347)

5-HT_{1A} receptors; Buspirone; σ receptors; CRF (corticotropin-releasing factor); Stress; Intestinal motility; Caecum; (Rat) (Martinez, J.A. (202) 379)

ACTH (adrenocorticotropic hormone); Corticosterone; Immobilization stress; Pituitary-adrenal axis; Tricyclic antidepressants; Tianeptine (Delbende, C. (202) 391)

5-HT_1-like receptors
5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptors agonists; Sumatriptan; Cerebral artery; (Human) (Parsons, A.A. (202) 17)

5-HT_{1A} receptor agonism
Flesinoxan; Prazosin; Exercise; (Hypertensive dogs) (Huber, S. (202) 1)

5-HT_{1A} receptor agonists
Kidney (perfused, rat); α_1-Adrenoceptor subtypes; Vas deferens (rat) (Eltze, M. (202) 33)

5-HT_{1A} receptors
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Desipramine; Electroconvulsive shock; Brain (rat) (Pandey, S.C. (202) 221)

5-HT (5-hydroxytryptamine, serotonin); Buspirone; σ receptors; CRF (corticotropin-releasing factor); Stress; Intestinal motility; Caecum; (Rat) (Martinez, J.A. (202) 379)

5-HT_{1A} receptors agonists
5-HT (5-hydroxytryptamine, serotonin); 5-HT_1-like receptors; Sumatriptan; Cerebral artery; (Human) (Parsons, A.A. (202) 17)

5-HT_2 receptors (presynaptic)
Mossy fibres; Cerebellum (rat); Glutamate release; Synaptosomes; (Slices) (Maura, G. (202) 185)

5-HT_{1D} sites
Substantia nigra (human); Serotonin-5-O-carboxymethyl-glycyl[^{125}I]-tyrosinamide (Bruinvels, A.T. (202) 89)

Hyperoxia
Oxygen toxicity; Generalized seizures; Vigabatrin; EEG analysis; γ-Vinyl GABA (Tzuk-Shina, T. (202) 171)

Hypertension
Platelet aggregation; Platelet thromboxane; Prostacyclin (aortic); Platelet inhibition (by prostacyclin) (Lograno, M.D. (202) 311)

Immobilization stress
ACTH (adrenocorticotropic hormone); Corticosterone; 5-HT (5-hydroxytryptamine, serotonin); Pituitary-adrenal axis; Tricyclic antidepressants; Tianeptine (Delbende, C. (202) 391)

Insulin
Cysteamine; Ulcer; Gastric acid secretion; Glucose uptake; Brain; (Rat) (Arai, I. (202) 213)

Insulin secretion
CCK-8 (cholecystokinin-8); Islets; CCK_A receptor antagonists; L-364,718; Ca^{2+}; K^+; Phosphoinositide hydrolysis (Karlsson, S. (202) 253)

Interleukin-6 (IL-6)
Neuroimmunology; Brain; (Receptor) (Cornfield, L.J. (202) 113)

Intestinal contraction
Nicotinic receptors; Nicotine; Dimethylphenylpiperazinium; Acetylcholine release (Töröcsik, A. (202) 297)

Intestinal motility
5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptors; Buspirone; σ receptors; CRF (corticotropin-releasing factor); Stress; Caecum; (Rat) (Martinez, J.A. (202) 379)

Ion channels
Pentobarbitone; Chromaffin cells (bovine); Nicotinic receptors; Patch clamp (Jacobson, I. (202) 331)

Ion transport
Enterotoxin of *E. coli* (heat-stable); Colon (rat); Prostaglandins; cGMP-inhibited phosphodiesterase (Nobles, M. (202) 201)

Morphine; Loperamide; Mucosa; Colon; (Human) (Burleigh, D.E. (202) 277)

Iron
Dopamine D_2 receptor supersensitivity; Chlorpromazine (Ben-Shachar, D. (202) 177)

Ischemia
R 56 865; Ca^{2+} overload; Reperfusion; Heart (Vandeplassche, G. (202) 259)

Islets
CCK-8 (cholecystokinin-8); Insulin secretion; CCK_A receptor antagonists; L-364,718; Ca^{2+}; K^+; Phosphoinositide hydrolysis (Karlsson, S. (202) 253)

K^+
CCK-8 (cholecystokinin-8); Insulin secretion; Islets; CCK_A receptor antagonists; L-364,718; Ca^{2+}; Phosphoinositide hydrolysis (Karlsson, S. (202) 253)

K^+_{ATP} channels
RP 52891; Cromakalim; Pinacidil; Pulmonary vascular bed (Hood, J.S. (202) 121)

Kidney
α_2-Adrenoceptor subtypes; [^{3}H]RX821002 radioligand binding; Computer modelling; (Rat) (Uhlén, S. (202) 235)

Kidney (perfused, rat)
5-HT_{1A} receptor agonists; α_1-Adrenoceptor subtypes; Vas deferens (rat) (Eltze, M. (202) 33)

L-364,718
CCK-8 (cholecystokinin-8); Insulin secretion; Islets; CCK_A receptor antagonists; Ca^{2+}; K^+; Phosphoinositide hydrolysis (Karlsson, S. (202) 253)

L-365,260
Caerulein; Devazepide; CCK receptors; Amphetamine; Motor activity (Vasar, E. (202) 385)

Lemakalim
Cromakalim; Pulmonary vascular bed; Glybenclamide-sensitive channels; CGRP (calcitonin gene-related peptide); VIP (vasoactive intestinal polypeptide) (Hood, J.S. (202) 101)

Limbic system
Δ^9-Tetrahydrocannabinol; 2-Deoxy-D-glucose; Hippocampus; (Functional activity) (Margulies, J.E. (202) 373)

Locomotor activity
Methamphetamine; D-Alanine; L-Alanine; Strychnine-insensitive glycine binding site; NMDA receptor complex (Hashimoto, A. (202) 105)

Loop diuretics
$Na^+ K^+ Cl^-$ cotransport; MDCK cells; Muzolimine (Grima, M. (202) 137)

Loperamide
Morphine; Mucosa; Ion transport; Colon; (Human) (Burleigh, D.E. (202) 277)

Lordosis response
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Copulatory behaviour; (S)-UH-301 ((S)-5-fluoro-8-hydroxy-2-(di-n-propylamino)-tetralin); (Rat) (Johansson, C.E. (202) 81)

Lung (guinea-pig)
Adrenaline responses; β-Adrenoceptors; Anaphylaxis (Daffonchio, L. (202) 97)

Lung (isolated)
Muscarinic receptors; Bronchoconstriction; Histamine release; (Rat) (Post, M.J. (202) 67)

MDCK cells
$Na^+ K^+ Cl^-$ cotransport; Muzolimine; Loop diuretics (Grima, M. (202) 137)

MDE (N-ethyl-3,4-methylenedioxyamphetamine)
MDMA (3,4-methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin); Dopamine; p-Chlorophenylalanine; Drug discrimination (Boja, J.W. (202) 347)

MDMA (3,4-methylenedioxymethamphetamine)
MDE (N-ethyl-3,4-methylenedioxyamphetamine); 5-HT (5-hydroxytryptamine, serotonin); Dopamine; p-Chlorophenylalanine; Drug discrimination (Boja, J.W. (202) 347)

Metabolic clearance rate
BNP (brain natriuretic peptide); ANP (atrial natriuretic peptide); Blood pressure; Natriuresis; (Rat) (Kita, T. (202) 73)

Methamphetamine
D-Alanine; L-Alanine; Locomotor activity; Strychnine-insensitive glycine binding site; NMDA receptor complex (Hashimoto, A. (202) 105)

α,β-Methylene ATP
Muscarinic acetylcholine receptors; Purinoceptors; Pirenzepine; AF-DX 116; 4-DAMP (4-diphenylacetoxy-N-methylpiperidine methobromide) (Fujimoto, S. (202) 9)

5-Methylurapidil
Bronchus (rabbit); α_{1A}-Adrenoceptors; WB4101 (Takayanagi, I. (202) 281)

Microdialysis
Desipramine; Dopamine; Amphetamine; Nucleus accumbens (Brown, E.E. (202) 125)

Midazolam
Diazepam; β-CCE (3-carboethoxy-β-carboline hydrochloride); FG7142; Flumazenil; Dependence; GABA (γ-aminobutyric acid); (Baboon) (Sannerud, C.A. (202) 159)

Morphine
Loperamide; Mucosa; Ion transport; Colon; (Human) (Burleigh, D.E. (202) 277)

Bone marrow cells; Dynorphin; M-CSF (macrophage-colony stimulating factor) (Roy, S. (202) 355)

Tolerance–dependence; Abstinence; Brain regions; Spinal cord; DS-TLE ([D-Ser^2,Thr^6]leucine-enkephalin); DPDPE ([D-Pen^2,D-Pen^5]enkephalin) (Bhargava, H.N. (202) 403)

Mossy fibres
Cerebellum (rat); Glutamate release; 5-HT_2 receptors (presynaptic); Synaptosomes; (Slices) (Maura, G. (202) 185)

Motor activity
Caerulein; Devazepide; L-365,260; CCK receptors; Amphetamine (Vasar, E. (202) 385)

Mucosa
Morphine; Loperamide; Ion transport; Colon; (Human) (Burleigh, D.E. (202) 277)

Muscarinic acetylcholine receptors
Purinoceptors; Pirenzepine; AF-DX 116; 4-DAMP (4-diphenylacetoxy-N-methylpiperidine methobromide); α,β-Methylene ATP (Fujimoto, S. (202) 9)

Muscarinic receptors
Bronchoconstriction; Histamine release; Lung (isolated); (Rat) (Post, M.J. (202) 67)

Muscarinic receptors (cloned)
A_9 L cells (mouse fibroblast); Muscarinic M_1 receptors; Muscarinic M_3 receptors (Boddeke, H.W.G.M. (202) 151)

Muscarinic M_1 receptors
Muscarinic receptors (cloned); A_9 L cells (mouse fibroblast); Muscarinic M_3 receptors (Boddeke, H.W.G.M. (202) 151)

Muscarinic M_3 receptors
Muscarinic receptors (cloned); A_9 L cells (mouse fibroblast); Muscarinic M_1 receptors (Boddeke, H.W.G.M. (202) 151)

Muzolimine
$Na^+K^+Cl^-$ cotransport; MDCK cells; Loop diuretics (Grima, M. (202) 137)

Myocardium
Endocardial endothelium; UD-CG-212-CL; Positive inotropic response (Meulemans, A.L. (202) 45)

$Na^+K^+Cl^-$ cotransport
MDCK cells; Muzolimine; Loop diuretics (Grima, M. (202) 137)

Naphazoline
Vas deferens (rat); Cromakalim; Glibenclamide (Grana, E. (202) 93)

Natriuresis
BNP (brain natriuretic peptide); ANP (atrial natriuretic peptide); Blood pressure; Metabolic clearance rate; (Rat) (Kita, T. (202) 73)

Neuroimmunology
Interleukin-6 (IL-6); Brain; (Receptor) (Cornfield, L.J. (202) 113)

Nicotine
Nicotinic receptors; Dimethylphenylpiperazinium; Acetylcholine release; Intestinal contraction (Töröcsik, A. (202) 297)

Nicotine-induced relaxation
Nitric oxide (NO); Duodenum (rat) (Irie, K. (202) 285)

Nicotinic receptors
Nicotine; Dimethylphenylpiperazinium; Acetylcholine release; Intestinal contraction (Töröcsik, A. (202) 297)

Pentobarbitone; Chromaffin cells (bovine); Ion channels; Patch clamp (Jacobson, I. (202) 331)

Nitric oxide (NO)
Nicotine-induced relaxation; Duodenum (rat) (Irie, K. (202) 285)

NMDA (N-methyl-D-aspartate)
Phencyclidine; Acoustic startle; Schizophrenia; NPC 12626; CGS 19755; Dizocilpine (Mansbach, R.S. (202) 61)

NMDA receptor complex
Methamphetamine; D-Alanine; L-Alanine; Locomotor activity; Strychnine-insensitive glycine binding site (Hashimoto, A. (202) 105)

NPC 12626
NMDA (N-methyl-D-aspartate); Phencyclidine; Acoustic startle; Schizophrenia; CGS 19755; Dizocilpine (Mansbach, R.S. (202) 61)

Nucleoside transport
Adenosine receptors; Propentofylline; Autoradiography (Parkinson, F.E. (202) 361)

Nucleus accumbens
Desipramine; Dopamine; Amphetamine; Microdialysis (Brown, E.E. (202) 125)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin)
Copulatory behaviour; Lordosis response; (S)-UH-301 ((S)-5-fluoro-8-hydroxy-2-(di-n-propylamino)tetralin); (Rat) (Johansson, C.E. (202) 81)

$5\text{-}HT_{1A}$ receptors; Desipramine; Electroconvulsive shock; Brain (rat) (Pandey, S.C. (202) 221)

Ovulation
Danazol; Prostaglandin $F_{2\alpha}$; 13,14-Dihydroprostaglandin $F_{2\alpha}$ (Tamura, K. (202) 317)

Oxygen toxicity
Generalized seizures; Vigabatrin; Hyperoxia; EEG analysis; γ-Vinyl GABA (Tzuk-Shina, T. (202) 171)

PAF (platelet-activating factor, PAF-acether)
Capsaicin; Platelets; Sensory afferent nerves; Thrombin; Ca^{2+} ionophores (Hogaboam, C.M. (202) 129)

Parkinson's disease
SK&F 38393; Dopamine D_1 receptors; Adenylyl cyclase; (Rhesus monkey); (Rat) (Pifl, C. (202) 273)

Patch clamp
Pentobarbitone; Chromaffin cells (bovine); Nicotinic receptors; Ion channels (Jacobson, I. (202) 331)

Patch clamp (whole cell)
Steroids; Ca^{2+} currents; Hippocampus CA1 neurons; Picrotoxin (ffrench-Mullen, J.M.H. (202) 269)

Pentobarbital
[Arg^8]vasopressin (AVP); Ataxia; Cl^- uptake; GABA (γ-aminobutyric acid); (Rat) (Marchese, A. (202) 341)

Pentobarbitone
Chromaffin cells (bovine); Nicotinic receptors; Ion channels; Patch clamp (Jacobson, I. (202) 331)

Phencyclidine
NMDA (N-methyl-D-aspartate); Acoustic startle; Schizophrenia; NPC 12626; CGS 19755; Dizocilpine (Mansbach, R.S. (202) 61)

Phorbol esters
Staurosporine; Excitation-contraction coupling; Ca^{2+} channels (Boonen, H.C.M. (202) 25)

Phosphodiesterase inhibitors
Hippocampal pyramidal cells; Field potentials; β-Adrenoceptor agonists; Adenosine receptor antagonists (Gaal, L. (202) 117)

Phosphoinositide hydrolysis
CCK-8 (cholecystokinin-8); Insulin secretion; Islets; CCK_A receptor antagonists; L-364,718; Ca^{2+}; K^+ (Karlsson, S. (202) 253)

Picrotoxin
Steroids; Ca^{2+} currents; Hippocampus CA1 neurons; Patch clamp (whole cell) (ffrench-Mullen, J.M.H. (202) 269)

Pinacidil
RP 52891; Cromakalim; K^+_{ATP} channels; Pulmonary vascular bed (Hood, J.S. (202) 121)

Pirenzepine
Muscarinic acetylcholine receptors; Purinoceptors; AF-DX 116; 4-DAMP (4-diphenylacetoxy-N-methylpiperidine methobromide); α,β-Methylene ATP (Fujimoto, S. (202) 9)

Pituitary-adrenal axis
ACTH (adrenocorticotropic hormone); Corticosterone; Immobilization stress; 5-HT (5-hydroxytryptamine, serotonin); Tricyclic antidepressants; Tianeptine (Delbende, C. (202) 391)

Platelet aggregation
Hypertension; Platelet thromboxane; Prostacyclin (aortic); Platelet inhibition (by prostacyclin) (Lograno, M.D. (202) 311)

Platelet inhibition (by prostacyclin)
Hypertension; Platelet aggregation; Platelet thromboxane; Prostacyclin (aortic) (Lograno, M.D. (202) 311)

Platelets
Capsaicin; Sensory afferent nerves; PAF (platelet-activating factor, PAF-acether); Thrombin; Ca^{2+} ionophores (Hogaboam, C.M. (202) 129)

Platelet thromboxane
Hypertension; Platelet aggregation; Prostacyclin (aortic); Platelet inhibition (by prostacyclin) (Lograno, M.D. (202) 311)

Positive inotropic response
Endocardial endothelium; UD-CG-212-CL; Myocardium (Meulemans, A.L. (202) 45)

Prazosin
Flesinoxan; 5-HT_{1A} receptor agonism; Exercise; (Hypertensive dogs) (Huber, S. (202) 1)

Preoptic area
Gastric acid secretion; Substance P; Spinal cord; (Intrathecal injection); (Desensitization) (Okuma, Y. (202) 227)

Propentofylline
Adenosine receptors; Nucleoside transport; Autoradiography (Parkinson, F.E. (202) 361)

Prostacyclin (aortic)
Hypertension; Platelet aggregation; Platelet thromboxane; Platelet inhibition (by prostacyclin) (Lograno, M.D. (202) 311)

Prostaglandin $F_{2\alpha}$
Danazol; Ovulation; 13,14-Dihydroprostaglandin $F_{2\alpha}$ (Tamura, K. (202) 317)

Staurosporine; Protein kinase inhibitor; Endothelin; Smooth muscle (Sasaki, Y. (202) 367)

Prostaglandins
Enterotoxin of *E. coli* (heat-stable); Colon (rat); Ion transport; cGMP-inhibited phosphodiesterase (Nobles, M. (202) 201)

Protein kinase inhibitor
Staurosporine; Prostaglandin $F_{2\alpha}$; Endothelin; Smooth muscle (Sasaki, Y. (202) 367)

Pulmonary vascular bed
Lemakalim; Cromakalim; Glybenclamide-sensitive channels; CGRP (calcitonin gene-related peptide); VIP (vasoactive intestinal polypeptide) (Hood, J.S. (202) 101)

RP 52891; Cromakalim; Pinacidil; K^+_{ATP} channels (Hood, J.S. (202) 121)

Purinoceptors
Muscarinic acetylcholine receptors; Pirenzepine; AF-DX 116; 4-DAMP (4-diphenylacetoxy-N-methylpiperidine methobromide); α,β-Methylene ATP (Fujimoto, S. (202) 9)

R 56 865
Ca^{2+} overload; Ischemia; Reperfusion; Heart (Vandeplassche, G. (202) 259)

Receptor interactions
d-Amphetamine discriminative cue; Dopamine D_1 receptors; Dopamine D_2 receptors; Dopamine receptor agonists; Dopamine receptor antagonists (Furmidge, L.J. (202) 191)

σ receptors
5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptors; Buspirone; CRF (corticotropin-releasing factor); Stress; Intestinal motility; Caecum; (Rat) (Martinez, J.A. (202) 379)

Renal artery
EDRF (endothelium-derived relaxing factor); Coronary artery; Bradykinin; Substance P (Christie, M.I. (202) 143)

Renal functions
Angiotensin II receptor antagonists; Angiotension receptors; Antihypertensive agents; Renin–angiotensin system; (Dog) (Wong, P.C. (202) 323)

Renin–angiotensin system
Angiotensin II receptor antagonists; Angiotension receptors; Antihypertensive agents; Renal functions; (Dog) (Wong, P.C. (202) 323)

Reperfusion
R 56 865; Ca^{2+} overload; Ischemia; Heart (Vandeplassche, G. (202) 259)

RP 52891
Cromakalim; Pinacidil; K^+_{ATP} channels; Pulmonary vascular bed (Hood, J.S. (202) 121)

[^{3}H]RX821002 radioligand binding
α_2-Adrenoceptor subtypes; Computer modelling; Kidney; (Rat) (Uhlén, S. (202) 235)

Schizophrenia
NMDA (N-methyl-D-aspartate); Phencyclidine; Acoustic startle; NPC 12626; CGS 19755; Dizocilpine (Mansbach, R.S. (202) 61)

Sensory afferent nerves
Capsaicin; Platelets; PAF (platelet-activating factor, PAF-acether); Thrombin; Ca^{2+} ionophores (Hogaboam, C.M. (202) 129)

Serotonin-5-O-carboxymethyl-glycyl[^{125}I]tyrosinamide
5-HT_{1D} sites; Substantia nigra (human) (Bruinvels, A.T. (202) 89)

SK&F 38393
Dopamine D_1 receptors; Adenylyl cyclase; Parkinson's disease; (Rhesus monkey); (Rat) (Pifl, C. (202) 273)

Smooth muscle
Staurosporine; Protein kinase inhibitor; Prostaglandin $F_{2\alpha}$; Endothelin (Sasaki, Y. (202) 367)

Spinal cord
Substance P; GABA (γ-aminobutyric acid); Cardiovascular responses; Catecholamines; (Receptors) (Hasséssian, H. (202) 51)

Gastric acid secretion; Preoptic area; Substance P; (Intrathecal injection); (Desensitization) (Okuma, Y. (202) 227)

Morphine; Tolerance–dependence; Abstinence; Brain regions; DSTLE ([D-Ser^2,Thr^6]leucine-enkephalin); DPDPE ([D-Pen^2,D-Pen^5]enkephalin) (Bhargava, H.N. (202) 403)

Staurosporine
Phorbol esters; Excitation-contraction coupling; Ca^{2+} channels (Boonen, H.C.M. (202) 25)

Protein kinase inhibitor; Prostaglandin $F_{2\alpha}$; Endothelin; Smooth muscle (Sasaki, Y. (202) 367)

Steroids
Ca^{2+} currents; Hippocampus CA1 neurons; Picrotoxin; Patch clamp (whole cell) (ffrench-Mullen, J.M.H. (202) 269)

Stress
5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptors; Buspirone; σ receptors; CRF (corticotropin-releasing factor); Intestinal motility; Caecum; (Rat) (Martinez, J.A. (202) 379)

Strychnine-insensitive glycine binding site
Methamphetamine; D-Alanine; L-Alanine; Locomotor activity; NMDA receptor complex (Hashimoto, A. (202) 105)

Substance P
GABA (γ-aminobutyric acid); Spinal cord; Cardiovascular responses; Catecholamines; (Receptors) (Hasséssian, H. (202) 51)

EDRF (endothelium-derived relaxing factor); Coronary artery; Renal artery; Bradykinin (Christie, M.I. (202) 143)

Gastric acid secretion; Preoptic area; Spinal cord; (Intrathecal injection); (Desensitization) (Okuma, Y. (202) 227)

Substantia nigra (human)
5-HT_{1D} sites; Serotonin-5-O-carboxymethyl-glycyl[^{125}I]tyrosinamide (Bruinvels, A.T. (202) 89)

Sumatriptan
5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1A} receptors agonists; 5-HT_1-like receptors; Cerebral artery; (Human) (Parsons, A.A. (202) 17)

Synaptosomes
Mossy fibres; Cerebellum (rat); Glutamate release; 5-HT_2 receptors (presynaptic); (Slices) (Maura, G. (202) 185)

[^{3}H]TBOB (t-[^{3}H]butylbicycloorthobenzoate) binding
Ergot alkaloids; $GABA_A$ receptor complex; Brain (mouse) (Tvrdeić, A. (202) 109)

Δ^9-Tetrahydrocannabinol
2-Deoxy-D-glucose; Hippocampus; Limbic system; (Functional activity) (Margulies, J.E. (202) 373)

Thrombin
Capsaicin; Platelets; Sensory afferent nerves; PAF (platelet-activating factor, PAF-acether); Ca^{2+} ionophores (Hogaboam, C.M. (202) 129)

Tianeptine
ACTH (adrenocorticotropic hormone); Corticosterone; Immobilization stress; 5-HT (5-hydroxytryptamine, serotonin); Pituitary-adrenal axis; Tricyclic antidepressants (Delbende, C. (202) 391)

Tolerance
Benzodiazepines; Abecarnil; β-Carbolines (Löscher, W. (202) 303)

Tolerance–dependence
Morphine; Abstinence; Brain regions; Spinal cord; DSTLE ([D-Ser^2,Thr^6]leucine-enkephalin); DPDPE ([D-Pen^2,D-Pen^5]enkephalin) (Bhargava, H.N. (202) 403)

Tricyclic antidepressants
ACTH (adrenocorticotropic hormone); Corticosterone; Immobilization stress; 5-HT (5-hydroxytryptamine, serotonin); Pituitary-adrenal axis; Tianeptine (Delbende, C. (202) 391)

UD-CG-212-CL
Endocardial endothelium; Positive inotropic response; Myocardium (Meulemans, A.L. (202) 45)

Ulcer
Cysteamine; Insulin; Gastric acid secretion; Glucose uptake; Brain; (Rat) (Arai, I. (202) 213)

Vas deferens (guinea-pig)
ATP; Ca^{2+} currents (voltage-dependent); Ca^{2+} mobilization (intracellular) (Inomata, H. (202) 245)

Vas deferens (rat)
Kidney (perfused, rat); 5-HT_{1A} receptor agonists; α_1-Adrenoceptor subtypes (Eltze, M. (202) 33)

Naphazoline; Cromakalim; Glibenclamide (Grana, E. (202) 93)

[Arg^8]vasopressin (AVP)
Ataxia; Pentobarbital; Cl^- uptake; GABA (γ-aminobutyric acid); (Rat) (Marchese, A. (202) 341)

Vigabatrin
Oxygen toxicity; Generalized seizures; Hyperoxia; EEG analysis; γ-Vinyl GABA (Tzuk-Shina, T. (202) 171)

γ-Vinyl GABA
Oxygen toxicity; Generalized seizures; Vigabatrin; Hyperoxia; EEG analysis (Tzuk-Shina, T. (202) 171)

VIP (vasoactive intestinal polypeptide)
Lemakalim; Cromakalim; Pulmonary vascular bed; Glybenclamide-sensitive channels; CGRP (calcitonin gene-related peptide) (Hood, J.S. (202) 101)

WB4101
Bronchus (rabbit); α_{1A}-Adrenoceptors; 5-Methylurapidil (Takayanagi, I. (202) 281)